# LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

## SAN GABRIEL VALLEY TRAFFIC FORUM

# ADVANCED TRAFFIC MANAGEMENT SYSTEM IMPROVEMENT PROJECT

**CONTRACT NO. PW 12716** 

PROGRESS REPORT
January 2005

Prepared by:

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TRANSCORE

Los Angeles, CA 90017

**February 25<sup>th</sup>, 2005** 



# Major Work Items Completed This Period (January 2005)

#### **SGVTF Project Web-Site**

- 1/25/05 TransCore updated the SGVTF web-site with the following documents:
  - Operational Objectives & ATMS System Needs (FINAL Revision 1)
  - Concept-of-Operations (FINAL)
  - Integration System User & Functional Requirements (DRAFT)
- 1/25/05 TransCore updated the web-site to include the Monthly Progress Reports through December '04

### **Communications User/Functional Requirements (Task 2.3.8)**

• TransCore continued efforts to develop a DRAFT

#### System Architecture/Area Architecture Definition Report (Task 2.4)

• TransCore efforts to develop a DRAFT

#### **ATMS Alternatives Analysis (Task 2.5.1)**

- 1/6/05 TransCore incorporated LADOT's original responses re: ATSAC/ATCS from the County 's 1999 TCS evaluation process & re-sent the "ATMS Agency Questionnaire/Survey from" to LADOT
- TransCore continued efforts to develop a DRAFT

#### **Communications Alternatives Analysis (Task 2.5.2)**

• TransCore continued efforts to develop a DRAFT

#### LCCS & Computer Systems Alternatives Analysis (Task 2.5.3)

- 1/25/05 TransCore submitted request to County for additional funds to perform four (4) extra interviews w/ the SGVTF Agencies re: the Alternatives Analysis (LCCS, ATMS, & Communications)
- MMA continued efforts to develop a DRAFT



# SGVTF Documents/Memos/Letters Submitted

Item	Title	Version	Date
1.	SGVTF – Progress Report (December 2004)	Final	Jan 25, 2005

## **Meetings & Conference Calls Conducted:**

It a see	Date		Description	
Item	Meeting	Conference Call	Description	
1.		Jan 7, 2004	Weekly Status	
2.		Jan 14, 2004	Weekly Status	
3.		Jan 21, 2004	Weekly Status	
4.		Jan 27, 2004	Weekly Status	



# Work Anticipated During Next Period (February 2005)

#### **Communications User/Functional Requirements (Task 2.3.8)**

- TransCore continued efforts to develop a DRAFT
- TBD TransCore submittal of a DRAFT

#### System Architecture/Area Architecture Definition Report (Task 2.4)

- TransCore efforts to develop a DRAFT
- TBD TransCore submittal of a DRAFT

### **ATMS Alternatives Analysis (Task 2.5.1)**

- TBD TransCore receipt of ATMS Agency Questionnaire/Survey from ATMS Vendors
- TransCore continued efforts to develop a DRAFT
- TBD TransCore submittal of a DRAFT

#### **Communications Alternatives Analysis (Task 2.5.2)**

- TransCore continued efforts to develop a DRAFT
- TBD TransCore submittal of a DRAFT

#### LCCS & Computer Systems Alternatives Analysis (Task 2.5.3)

- MMA continued efforts to develop a DRAFT
- TBD MMA submittal of a DRAFT



# **Outstanding Items**

#### ATMS User Requirements (Task 2.3.2) & ATMS Functional Requirements (Task 2.3.3)

- TransCore Responsibilities
  - 10/11/04 Submittal of a DRAFT
  - TBD Submittal of a FINAL
- County Responsibilities
  - TBD Review & submittal of comments on DRAFT

#### LCCS & Facility Requirements (Task 2.3.4)

- TransCore Responsibilities
  - 11/1/04 Submittal of a DRAFT
  - TBD Submittal of a FINAL
- County Responsibilities
  - TBD Review & submittal of comments on DRAFT

## **Sub-Regional TMC Requirements (Task 2.3.5)**

- TransCore Responsibilities
  - 11/1/04 Submittal of a DRAFT
  - TBD Submittal of a FINAL
- County Responsibilities
  - TBD Review & submittal of comments on DRAFT

# <u>Integration System User Requirements (Task 2.3.6) & Integration System Functional Requirements (Task 2.3.7)</u>

- TransCore Responsibilities
  - 12/23/04 Submittal of a DRAFT
  - TBD Submittal of a FINAL
- County Responsibilities
  - TBD Review & submittal of comments on DRAFT

#### **Communications User/Functional Requirements (Task 2.3.8)**

• TBD – TransCore submittal of a DRAFT



# Task Status - Overview

ATMS System Needs 100% 100% 12/16/03 12/20// Task 2.3 - ConOps/System Requirements 100% 100% 12/3/04 11/11// ATMS User Requirements 95% 95% 11/8/04 ATMS Functional Requirements 95% 95% 11/8/04 AGMS Functional Requirements 95% 95% 12/1/04 Sub-Regional Facility/System Requirements 95% 95% 12/1/04 Integration User Requirements 90% 95% 12/2/204 Integration Functional Requirements 90% 95% 12/2/204 Communications Systems Requirements 85% 90% 12/2/204 Communications Systems Requirements 85% 90% 12/30/04 Task 2.4 - Area Architecture/LCCS Diagram 30% 60% 1/12/05  Task 2.5 - Alternatives Analysis ATMS Alternatives 50% 75% 2/18/05 Communications Alternatives 35% 40% 2/14/05 UCCS Alternatives 75% 90% 2/7/05 Systems Recommendations 0% 0% 3/21/05  Task 2.6 - Conceptual Design Report ATMS Conceptual Design 0% 0% 4/15/05 Integrated Systems Conceptual Design 0% 0% 4/15/05 Integrated Systems Conceptual Design 0% 0% 4/22/05 Draft Conceptual Design 0% 0% 4/22/05 Draft Conceptual Design 0% 0% 4/29/05 Task 2.7 - 0&M Plan 0% 0% 6/6/05 Task 2.9 - City Concurrence 0% 0% 0% 6/3/05	Task/Deliverable	Previous est. % Complete	Current est. % Complete	Complete Date (Planned)	Completion Date (Actual)
Operational Objectives         100%         100%         12/16/03         12/20/0           ATMS System Needs         100%         100%         12/16/03         12/20/0           Task 2.3 - ConOps/System Requirements         100%         100%         12/3/04         11/11/1           ATMS User Requirements         95%         95%         11/8/04           ATMS Functional Requirements         95%         95%         11/8/04           Agency Facility/System Requirements         95%         95%         12/1/04           Agency Facility/System Requirements         95%         95%         12/1/04           Integration User Requirements         90%         95%         12/22/04           Integration Functional Requirements         90%         95%         12/22/04           Communications Alternatives         35%         90%         1/12/20/05           Task 2.5 - Alternatives Analysis <t< td=""><td>Task 1 - Project Management</td><td>40%</td><td>40%</td><td>6/30/05</td><td></td></t<>	Task 1 - Project Management	40%	40%	6/30/05	
ATMS System Needs 100% 100% 12/16/03 12/20/  Task 2.3 - ConOps/System Requirements	Task 2 - Preliminary/Conceptual Design				
Task 2.3 - ConOps/System Requirements         100%         12/3/04         11/11//           ATMS User Requirements         95%         95%         11/8/04           ATMS Functional Requirements         95%         95%         11/8/04           Agency Facility/System Requirements         95%         95%         12/1/04           Agency Facility/System Requirements         95%         95%         12/1/04           Sub-Regional Facility/System Requirements         95%         95%         12/1/04           Integration User Requirements         90%         95%         12/2/04           Integration Functional Requirements         90%         95%         12/2/2/04           Communications Systems Requirements         85%         90%         12/30/04           Task 2.4 - Area Architecture/LCCS Diagram         30%         60%         1/12/05           Task 2.5 - Alternatives Analysis         75%         2/18/05           ATMS Alternatives Alternatives         35%         40%         2/14/05           LCCS Alternatives         75%         90%         2/7/05           Systems Recommendations         0%         0%         3/21/05           Task 2.6 - Conceptual Design         0%         0%         4/105           LCCS Conceptual	Operational Objectives	100%	100%	12/16/03	12/20/04
Initial SGVTF ConOps	ATMS System Needs	100%	100%	12/16/03	12/20/04
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ATMS Functional Requirements  Agency Facility/System Requirements  95% 95% 11/8/04  Agency Facility/System Requirements 95% 95% 12/1/04  Sub-Regional Facility/System Requirements 95% 95% 11/1/04  Integration User Requirements 90% 95% 12/22/04  Integration Functional Requirements 90% 95% 12/22/04  Communications Systems Requirements 85% 90% 12/23/04  Task 2.4 - Area Architecture/LCCS Diagram 30% 60% 1/12/05  Task 2.5 - Alternatives Analysis  ATMS Alternatives 50% 75% 2/18/05  Communications Alternatives 35% 40% 2/14/05  LCCS Alternatives 75% 90% 2/77/05  Systems Recommendations 0% 0% 3/21/05  Task 2.6 - Conceptual Design Report  ATMS Conceptual Design 0% 0% 4/1/05  Communications Conceptual Design 0% 0% 4/15/05  Integrated Systems Conceptual Design 0% 0% 4/22/05  Draft Conceptual Design 0% 0% 4/29/05  Task 2.7 - O&M Plan 0% 0% 6/6/05  Task 2.9 - City Concurrence 0% 0% 6/3/05	Initial SGVTF ConOps	100%	100%	12/3/04	11/11/04
Agency Facility/System Requirements         95%         12/1/04           Sub-Regional Facility/System Requirements         95%         95%         12/1/04           Integration User Requirements         90%         95%         12/22/04           Integration Functional Requirements         90%         95%         12/22/04           Communications Systems Requirements         85%         90%         12/30/04           Task 2.4 - Area Architecture/LCCS Diagram         30%         60%         1/12/05           Task 2.5 - Alternatives Analysis         30%         75%         2/18/05           Communications Alternatives         35%         40%         2/14/05           LCCS Alternatives         75%         90%         2/7/05           Systems Recommendations         0%         0%         3/21/05           Task 2.6 - Conceptual Design Report         ATMS Conceptual Design Report         4/1/05           ATMS Conceptual Design         0%         0%         4/15/05           Integrated Systems Conceptual Design         0%         0%         4/22/05           Draft Conceptual Design         0%         0%         4/29/05           Task 2.7 - 0&M Plan         0%         0%         6/6/05           Task 2.9 - City Concurrence	ATMS User Requirements	95%	95%	11/8/04	
Sub-Regional Facility/System Requirements   95%   95%   12/1/04     Integration User Requirements   90%   95%   12/22/04     Integration Functional Requirements   90%   95%   12/22/04     Communications Systems Requirements   85%   90%   12/30/04     Task 2.4 - Area Architecture/LCCS Diagram   30%   60%   1/12/05     Task 2.5 - Alternatives Analysis	ATMS Functional Requirements	95%	95%	11/8/04	
Integration User Requirements   90%   95%   12/22/04     Integration Functional Requirements   90%   95%   12/22/04     Communications Systems Requirements   85%   90%   12/30/04     Task 2.4 - Area Architecture/LCCS Diagram   30%   60%   1/12/05     Task 2.5 - Alternatives Analysis	Agency Facility/System Requirements	95%	95%	12/1/04	
Integration Functional Requirements   90%   95%   12/22/04	Sub-Regional Facility/System Requirements	95%	95%	12/1/04	
Communications Systems Requirements         85%         90%         12/30/04           Task 2.4 - Area Architecture/LCCS Diagram         30%         60%         1/12/05           Task 2.5 - Alternatives Analysis         50%         75%         2/18/05           ATMS Alternatives         50%         40%         2/14/05           LCCS Alternatives         75%         90%         2/7/05           Systems Recommendations         0%         0%         3/21/05           Task 2.6 - Conceptual Design Report	Integration User Requirements	90%	95%	12/22/04	
Task 2.4 - Area Architecture/LCCS Diagram         30%         60%         1/12/05           Task 2.5 - Alternatives Analysis         50%         75%         2/18/05           ATMS Alternatives         35%         40%         2/14/05           LCCS Alternatives         75%         90%         2/7/05           Systems Recommendations         0%         0%         3/21/05           Task 2.6 - Conceptual Design Report         4/1/05         4/1/05           Communications Conceptual Design         0%         0%         4/15/05           LCCS Conceptual Design         0%         0%         4/15/05           Integrated Systems Conceptual Design         0%         0%         4/22/05           Draft Conceptual Design         0%         0%         4/29/05           Task 2.7 - O&M Plan         0%         0%         6/6/05           Task 2.8 - Conceptual Design Workshop         0%         0%         6/3/05	Integration Functional Requirements	90%	95%	12/22/04	
Task 2.5 - Alternatives Analysis         50%         75%         2/18/05           Communications Alternatives         35%         40%         2/14/05           LCCS Alternatives         75%         90%         2/7/05           Systems Recommendations         0%         0%         3/21/05           Task 2.6 - Conceptual Design Report	Communications Systems Requirements	85%	90%	12/30/04	
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Task 2.8 - Conceptual Design Workshop         0%         0%         5/20/05           Task 2.9 - City Concurrence         0%         0%         6/3/05	Draft Conceptual Design	0%	0%	4/29/05	
Task 2.9 - City Concurrence         0%         0%         6/3/05	Task 2.7 - O&M Plan	0%	0%	6/6/05	
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Took 2.10 Final Concentral Design	Task 2.9 - City Concurrence	0%	0%	6/3/05	
rask z. iu - Final Conceptual Design	Task 2.10 - Final Conceptual Design	0%	0%	6/30/05	



# **SGVTF Meetings/Presentations**

- Contract requires up to five (5) such meetings
- None this period

Item	Date	SGVTF Meetings/Presentations	
1.	Nov 17, 2003	SGV TAC Monthly Meeting (Presented SGVTF project overview & IEN system overview)	
2.			
3.			
4.			
5.			